

**TO: Suborbital Science Program
NASA Headquarters
Mail Suite 3F71
Attn: Randy Albertson**

**FAX: (202) 358-2770
Voice: (202) 358-7212**

Flight Report

Aircraft :	Kenn Borek Air DC-3T Basler
Operating Site(s) From / To :	NZIR/NZIR
Flight Date :	November 11, 2009 (NZDT)
Flight Number / Data Flight # :	F05 / 2
Time out:	0058 UTC
Time in:	0728 UTC
Flight Time :	6:30 hrs
Flt Request # / PI:	NASA 20090602-084128 (Blankenship)
Purpose of Flight :	Data [X] Ferry [] Functional Check [] Other []
Sensor Payload :	University of Texas at Austin HiCARS ice penetrating radar; National Geospatial-Intelligence Agency BGM-3 gravity meter; UT Reigl LD-90 laser distance meter; UT Geometrics 823-A magnetometer
Comments :	The aircraft flew its second survey flight in its NERC/NSF ICECAP configuration from McMurdo's sea ice runway. The radar hardware, laser altimeter (non-scanning) and potential fields instruments all performed well. Two transects of data were acquired over Byrd Glacier, an active subglacial lake and across the East Antarctic ice sheet, into the area underlain by the Wilkes Subglacial Basin.

SUBMITTED BY: Duncan Young 13 November 2009